

CLAIMS

1. A method for exchanging information through speech via a packet-oriented network having a WWW server which is connected via the packet-oriented network, an information host computer which is connected to the packet-oriented network, and a speech-based browser which is connected to the information host computer, the method comprising the steps of:

5 transmitting a structured document which is generated with a format-based editor to the WWW server;

10 storing the structured document in the WWW server with an access information item;

transferring the structured document to the information host computer when structured documents are accessed via the speech-based browser and the access information is present;

15 analyzing the structured document in the information host computer; and modifying instructions for graphic structuring into instructions for an audible output form in the structured document.

2. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 1, wherein the information host computer has 20 functions of a proxy server.

3. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 1, wherein the structured document is generated with an integration of at least one of software libraries and references to 25 the software libraries.

4. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 1, wherein conventions defined by the format-based editor for references to at least one of structured documents and files 30 within a structured document are necessary when editing the structured document.

5. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 1, wherein the instructions in the structured document which is stored in the WWW server are in HTML format.

5 6. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 5, wherein the instructions of the structured document are converted into instructions in XML format in the information host computer.

10 7. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 6, wherein, for the conversion of the instructions from the HTML format into the XML format, an analysis device converts the instructions in the HTML format into objects using an HTML-DOM programming interface.

15 8. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 7, wherein a transformation device exchanges objects with the analysis device and converts the objects into the instructions in the XML format using an XML-DOM programming interface to a 20 structured document based on XML instructions.

9. A method for exchanging information through speech via a packet-oriented network as claimed in Claim 8, wherein library files are used in the conversion of the objects by the transformation device.

25 10. A system for exchanging information through speech via a packet-oriented network, comprising:

a WWW server, connected via the packet-oriented network, for at least one of calling structured documents and exchanging data;

an information host computer, connected to the packet-oriented network, for modifying instructions contained in the structured document for graphic structuring into instructions for an audible output form; and
a speech-based browser connected to the information host computer.

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11. A system for exchanging information through speech via a packet-oriented network as claimed in Claim 10, wherein the information host computer is a proxy server.